

Substitute for Form PTO-1390		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 034193-016	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/526546	
INTERNATIONAL APPLICATION NO. PCT/EP2003/011967		INTERNATIONAL FILING DATE 29 October 2003 (29.10.2003)		PRIORITY DATE CLAIMED 11 December 2002 (12.11.2002)	
TITLE OF INVENTION ULTRASONIC STANDING WAVE SPRAYING ARRANGEMENT					
APPLICANT(S) FOR DO/EO/US GORGES, Uwe; MATTHIAS, Bjorn; BORNER, Gunter; and YAMABE, Hidetoshi					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission to items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below. 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 					
Items 11 to 21 below concern document(s) or information included:					
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <u>General Authorization for Petitions for Extensions of Time and Payment Fees, Application Data Sheet, PCT/ISA/210, German Search Report dated 08/19/03 (with English translation of category of cited documents), Priority Document (1)</u> 					

U.S. APPLICATION NO. (If known, see 37 CFR 1.51) <div style="font-size: 24pt; font-weight: bold; margin-left: 40px;">10/526546</div>	INTERNATIONAL APPLICATION NO. PCT/EP2003/011967	ATTORNEY'S DOCKET NUMBER 034193-016
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21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>ABB PATENT GMBH, Ladenburg, Germany</u> 22. <input checked="" type="checkbox"/> The following fees are submitted:	CALCULATIONS PTO USE ONLY
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Basic Filing Fee (1631)	\$ 300.00													
Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). <div style="float: right;"> <input type="checkbox"/> 20 <input type="checkbox"/> 30 </div>														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td style="text-align: center;">12</td> <td style="text-align: center;">-20 =</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Independent Claims</td> <td style="text-align: center;">01</td> <td style="text-align: center;">-3 =</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total Claims	12	-20 =	0	Independent Claims	01	-3 =	0		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE											
Total Claims	12	-20 =	0											
Independent Claims	01	-3 =	0											
MULTIPLE DEPENDENT CLAIM(S) (if applicable)	+ \$360.00 (1616)													
Examination Fee	+ \$200.00 (1633)	\$ 200.00												
Search Fee	+ \$500.00 (1632)	\$ 500.00												
App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)														
TOTAL OF ABOVE CALCULATIONS =		\$ 1,000.00												
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	+	\$ 0.00												
SUBTOTAL =		\$ 1,000.00												
Processing fee of \$130.00 (1618) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). <div style="float: right;"> <input type="checkbox"/> 20 <input type="checkbox"/> 30 </div>		\$ 0.00												
TOTAL NATIONAL FEE =		\$ 1,000.00												
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +		\$ 40.00												
TOTAL FEES ENCLOSED =		\$ 1,040.00												
		Amount to be refunded :												
		charged :												

a. ☐ A check in the amount of _____ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 02-4800 in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.

d. ☒ Charge \$ 1,040.00 to credit card. Form PTO-2038 is attached.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Burns, Doane, Swecker & Mathis, L.L.P.
 P.O. Box 1404
 Alexandria, Virginia 22313-1404
 (703) 836-6620

SIGNATURE
 Patrick C. Keane
 NAME

32,858
 REGISTRATION NO.

March 3, 2005
 DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
Uwe GORGES et al.)	Group Art Unit:
Application No.: Unassigned)	Examiner:
Filed: March 3, 2005)	Confirmation No.:
For: ULTRASONIC STANDING WAVE)	
SPRAYING ARRANGEMENT)	
)	
)	

GENERAL AUTHORIZATION FOR PETITIONS
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

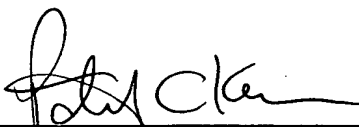
In accordance with 37 C.F.R. § 1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: March 3, 2005

By: 
Patrick C. Keane
Registration No. 32,858

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